

ABSTRACT OF THE DISCLOSURE

A system and method for equipment malfunction detection and diagnosis. The system includes equipment and a detection/diagnosis unit. The equipment transfers status information thereof to the detection/diagnosis unit at preset intervals. The detection/diagnosis unit receives and stores the status information of the equipment, and checks whether the status information conforms to a process control standard. If not, it is determined that the equipment has a malfunction, and the detection/diagnosis unit generates a notification or warning message, stops the operation of the equipment, and retrieves a recovery measure for the malfunction from a diagnostic database.